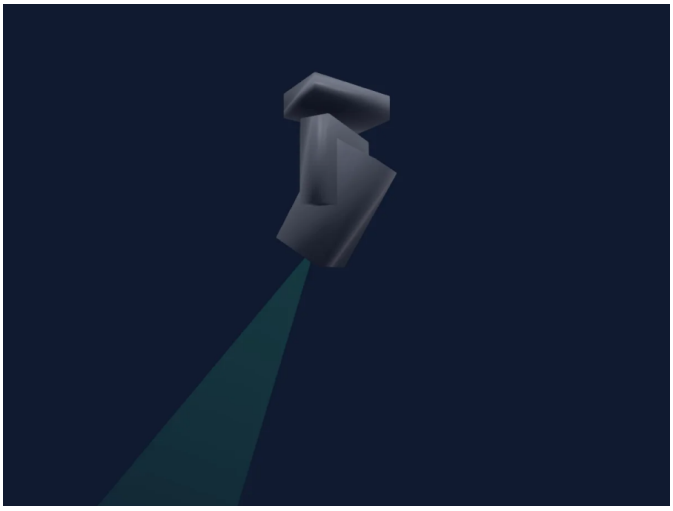
LIGHT SKY

AURORA TIDE



Manufacturer	**LIGHT SKY**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**30, 42 channels**
Beam angle	**4.1-42°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**90601AEA-790C-4FEF-B8DD-8E…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

30CH	30 ch
42CH	42 ch

30CH

30 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Shutter / Strobe	0	0–10 Closed 11–20 Open 21–117 Strobe 118–127 Open 128–181 Random 182–192 Open 193–245 Pulse 246–255 Open
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Zoom	127	
10	Focus	127	
11	Color Wheel	0	0–19 White (wheel slot 1) 20–31 Red (wheel slot 2) 32–43 Green (wheel slot 3) 44–55 Blue (wheel slot 4) 56–67 Orange (wheel slot 5) 68–79 Aqua (wheel slot 6) 80–91 Yellow (wheel slot 7) 92–103 CTB (wheel slot 8) 104–115 UV (wheel slot 9) 116–127 CRI (wheel slot 10) 128–190 >>> 191–192 Stop 193–255 <<<
12	Cyan	0	
13	Magenta	0	
14	Yellow	0	
15	C TO	0	
16	Gobo	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–71 Gobo 1 Shake (wheel slot 2) 72–79 Gobo 2 Shake (wheel slot 3) 80–87 Gobo 3 Shake (wheel slot 4) 88–95 Gobo 4 Shake (wheel slot 5) 96–103 Gobo 5 Shake (wheel slot 6) 104–111 Gobo 6 Shake (wheel slot 7) 112–119 Gobo 7 Shake (wheel slot 8) 120–127 Gobo 8 Shake (wheel slot 9) 128–187 >>> 188–189 Stop 190–249 <<< 250–255 Random

30CH (continued)

Ch	Function	Default	DMX values
17	Gobo Rotation	128	0–127 Indexing 128–190 >>> 191–192 Stop 193–255 <<<
18	Gobo 2	0	0–8 Open (wheel slot 1) 9–16 Gobo 1 (wheel slot 2) 17–24 Gobo 2 (wheel slot 3) 25–32 Gobo 3 (wheel slot 4) 33–40 Gobo 4 (wheel slot 5) 41–48 Gobo 5 (wheel slot 6) 49–56 Gobo 6 (wheel slot 7) 57–64 Gobo 7 (wheel slot 8) 65–73 Gobo 1 Shake (wheel slot 2) 74–82 Gobo 2 Shake (wheel slot 3) 83–91 Gobo 3 Shake (wheel slot 4) 92–100 Gobo 4 Shake (wheel slot 5) 101–109 Gobo 5 Shake (wheel slot 6) 110–118 Gobo 6 Shake (wheel slot 7) 119–127 Gobo 7 Shake (wheel slot 8) 128–187 >>> 188–189 Stop 190–249 <<< 250–255 Random
19	Animation Wheel1	0	0–9 Closed 10–255 Animation
20	Animation Wheel1Pos	0	0–127 Indexing 128–190 >>> 191–192 Stop 193–255 <<<
21	Animation Wheel2	0	0–0 Closed 1–255 Color Animation
22	Prism	0	0–3 Closed 4–255 Prism 1 (wheel slot 2)
23	Prism Rotation	0	0–127 Indexing 128–189 >>> 190–193 Stop 194–255 <<<
24	Prism	0	0–3 Closed 4–255 Prism 2 (wheel slot 1)
25	Prism Rotation	0	0–127 Indexing 128–189 >>> 190–193 Stop 194–255 <<<
26	Frost1	0	0–254 Closed 255–255 Frost 1
27	Frost2	0	0–254 Closed 255–255 Frost 2
28	Zoom Mode Beam	0	0–127 Spot Mode 128–255 Beam Mode

30CH (continued)

Ch	Function	Default	DMX values
29	Control1	0	0–5 No Function 6–10 Fan HighOutput 11–15 Fan Standard 16–20 Fan Silent 21–25 Dis Blink Off 26–30 Dis Blink On 31–35 CMY Standard 36–40 CMY Theater 41–45 P/T Standard 46–50 P/T Fast 51–55 P/T Precise 56–60 P/T Smooth On 61–65 P/T Smooth Off 66–70 P Invert On 71–75 P Invert Off 76–80 T Invert On 81–85 T Invert Off 86–90 LED 600Hz 91–95 LED 1200Hz 96–100 LED 2000Hz 101–105 LED 4000Hz 106–110 LED 6000Hz 111–115 LED 25000Hz 116–120 Dim Linear 121–125 Dim Square 126–130 Dim Inv-Square 131–135 Dim S-Curve 136–140 Dim Fast 141–145 Dim Slow 146–150 FX Auto Focus Off 151–255 FX Auto Focus On
30	Fixture Global Reset	0	0–10 No Function 11–20 Color Reset 21–30 Gobo Reset 31–40 Zoom Reset 41–50 P/T Reset 51–255 All Reset

42CH

42 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Shutter / Strobe	0	0–10 Closed 11–20 Open 21–117 Strobe 118–127 Open 128–181 Random 182–192 Open 193–245 Pulse 246–255 Open
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Zoom	127	

42CH (continued)

Ch	Function	Default	DMX values
10	Zoom Fine	127	Fine byte of Zoom
11	Focus	127	
12	Focus Fine	127	Fine byte of Focus
13	Focus1Distance	0	0–9 No Function 10–19 7M 20–29 10M 30–39 15M 40–49 20M 50–59 25M 60–69 30M 70–79 40M 80–255 50M
14	Focus1Adjust	0	
15	Color Wheel	0	0–19 White (wheel slot 1) 20–31 Red (wheel slot 2) 32–43 Green (wheel slot 3) 44–55 Blue (wheel slot 4) 56–67 Orange (wheel slot 5) 68–79 Aqua (wheel slot 6) 80–91 Yellow (wheel slot 7) 92–103 CTB (wheel slot 8) 104–115 UV (wheel slot 9) 116–127 CRI (wheel slot 10) 128–190 >>> 191–192 Stop 193–255 <<<
16	Color Wheel Fine	0	Fine byte of Color Wheel
17	Cyan	0	
18	Cyan Fine	0	Fine byte of Cyan
19	Magenta	0	
20	Magenta Fine	0	Fine byte of Magenta
21	Yellow	0	
22	Yellow Fine	0	Fine byte of Yellow
23	C TO	0	
24	C TO Fine	0	Fine byte of C TO
25	Gobo	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–71 Gobo 1 Shake (wheel slot 2) 72–79 Gobo 2 Shake (wheel slot 3) 80–87 Gobo 3 Shake (wheel slot 4) 88–95 Gobo 4 Shake (wheel slot 5) 96–103 Gobo 5 Shake (wheel slot 6) 104–111 Gobo 6 Shake (wheel slot 7) 112–119 Gobo 7 Shake (wheel slot 8) 120–127 Gobo 8 Shake (wheel slot 9) 128–187 >>> 188–189 Stop 190–249 <<< 250–255 Random

42CH (continued)

Ch	Function	Default	DMX values
26	Gobo Rotation	128	0–127 Indexing 128–190 >>> 191–192 Stop 193–255 <<<
27	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
28	Gobo 2	0	0–8 Open (wheel slot 1) 9–16 Gobo 1 (wheel slot 2) 17–24 Gobo 2 (wheel slot 3) 25–32 Gobo 3 (wheel slot 4) 33–40 Gobo 4 (wheel slot 5) 41–48 Gobo 5 (wheel slot 6) 49–56 Gobo 6 (wheel slot 7) 57–64 Gobo 7 (wheel slot 8) 65–73 Gobo 1 Shake (wheel slot 2) 74–82 Gobo 2 Shake (wheel slot 3) 83–91 Gobo 3 Shake (wheel slot 4) 92–100 Gobo 4 Shake (wheel slot 5) 101–109 Gobo 5 Shake (wheel slot 6) 110–118 Gobo 6 Shake (wheel slot 7) 119–127 Gobo 7 Shake (wheel slot 8) 128–187 >>> 188–189 Stop 190–249 <<< 250–255 Random
29	Animation Wheel1	0	0–9 Closed 10–255 Animation
30	Animation Wheel1Pos	0	0–127 Indexing 128–190 >>> 191–192 Stop 193–255 <<<
31	Animation Wheel2	0	0–0 Closed 1–255 Color Animation
32	Prism	0	0–3 Closed 4–255 Prism 1 (wheel slot 2)
33	Prism Rotation	0	0–127 Indexing 128–189 >>> 190–193 Stop 194–255 <<<
34	Prism Rotation Fine	0	Fine byte of Prism Rotation
35	Prism	0	0–3 Closed 4–255 Prism 2 (wheel slot 1)
36	Prism Rotation	0	0–127 Indexing 128–189 >>> 190–193 Stop 194–255 <<<
37	Prism Rotation Fine	0	Fine byte of Prism Rotation
38	Frost1	0	0–254 Closed 255–255 Frost 1
39	Frost2	0	0–254 Closed 255–255 Frost 2
40	Zoom Mode Beam	0	0–127 Spot Mode 128–255 Beam Mode

42CH (continued)

Ch	Function	Default	DMX values
41	Control1	0	0–5 No Function 6–10 Fan HighOutput 11–15 Fan Standard 16–20 Fan Silent 21–25 Dis Blink Off 26–30 Dis Blink On 31–35 CMY Standard 36–40 CMY Theater 41–45 P/T Standard 46–50 P/T Fast 51–55 P/T Precise 56–60 P/T Smooth On 61–65 P/T Smooth Off 66–70 P Invert On 71–75 P Invert Off 76–80 T Invert On 81–85 T Invert Off 86–90 LED 600Hz 91–95 LED 1200Hz 96–100 LED 2000Hz 101–105 LED 4000Hz 106–110 LED 6000Hz 111–115 LED 25000Hz 116–120 Dim Linear 121–125 Dim Square 126–130 Dim Inv-Square 131–135 Dim S-Curve 136–140 Dim Fast 141–145 Dim Slow 146–150 FX Auto Focus Off 151–255 FX Auto Focus On
42	Fixture Global Reset	0	0–10 No Function 11–20 Color Reset 21–30 Gobo Reset 31–40 Zoom Reset 41–50 P/T Reset 51–255 All Reset